

AIRCRAFT LOG
AF5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER

K36

PRIMER

COLOR

FBC37121

COLOR

FBC92813

COLOR

CLEAR

E3905

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR22 DATE OF MFG. Feb. 09
SERIAL NUMBER 3405 REGISTRATION NUMBER N770MM

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

Inspection Status (Check one)

- F.A.R. 91.409 ANNUAL/100 HOUR
- F.A.R. 91.409 PROGRESSIVE
- F.A.R. 135.419 A.T.C.O.
- OTHER



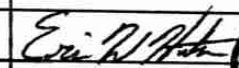

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors	IO-550N	R 692109
ENGINE			L
PROPELLER	Hartzell Propeller Inc.	PHC-33Y1F-1N	R NJ41B
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

AIRWORKINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		2-4-09 3.2	Searched AD's through bi-weekly issue <u>2009-03</u> . All AD's are in compliance at this time.			 
		18 Feb 2009 3.2 Hrs	Searched AD's through bi-weekly issue <u>2009-04</u> . All AD's are in compliance at this time.			 

MAKE Cirrus
 MODEL SR22 G3
 S/N 3405
 REG NO 770MM
 WORK ORDER
 12572-02-2009



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
 4514 Taylor Circle
 Duluth, MN 55811
 Phone 218- 788-3438

DATE 2/21/2009
 A/C TSN 6.9
 HOBBS 6.9

AD Entries

(3) Flight Hobbs 3.4. Researched aircraft records for applicable ADs through bi-weekly 2009-04 and found none that are due at this time. Researched aircraft records for mandatory service bulltens and found no applicable bulltens at this time

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CPS YD5R855Y

DATE: 2/21/2009

SIGNED:


 James Chrisman
 Certified Repair Station No. YD5R855Y

Work Order: 12572-02-2009

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FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 03/29/2011

N 770MM

S/N 3405

TAC/HM : 340.7/439.4

I certify that the altimeter, air data computer and static system tests required by 14 CFR § 91.411 including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E(a)(b)(c)(d).

Air data computer P/N 011-01105-01 Serial No. 15W006945

Stand-by Altimeter P/N 5934AD-3 Serial No 471805

The altimeter and Air Data Computer were tested to 20,000 feet on 03/29/2011.

Static system leak tested on 03/29/2011. Pertinent details of the work described above are on file at this agency under W.O.# 13981C. This aircraft was repaired and inspected in accordance with current federal aviation regulations and is determined to be **Airworthy** with respect to the work performed. Aircraft approved for return to service this date. **END.**

Signature

Kristen Dennis

Flightcraft Portland CRS# FCPR831D



FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 03/29/2011

N 770MM

S/N 3405

TAC/HM : 340.7/439.4

I certify that the transponder tests required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix F.

Transponder Model GTX33 Serial No.89107269

The transponder was tested on 03/29/2011. Pertinent details of the work described above are on file at this agency under W.O.#13981C. This aircraft was repaired and inspected in accordance with current federal aviation regulations and is determined to be **Airworthy** with respect to the work performed. Aircraft approved for return to service this date. **END.**

Signature

Adam Chavez

Flightcraft Portland CRS# FCPR831D

RADIO & ELECTRONIC CHECKS

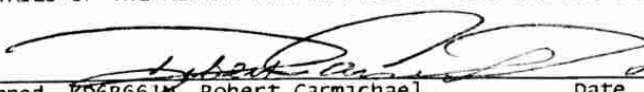
DATE	TOTAL	EQUIPMENT	TYPE OF	ERROR OR	NEXT CHECK	CHECKED BY: SIGNATURE — CERT. NO.
<div style="border: 1px solid black; padding: 5px;"> <p>KINGS AVIONICS INC. 237 NORTH 2370 WEST SALT LAKE CITY, UT 84116 CRS# KD6R661N LOG ID# 2021 27-February-2009 WO# 29202/1 AC TT 13.9 N770MM S/N 3405 CIRRUS SR22</p> </div>						

Pg 1 / 1

THIS IS A PERMANENT LOGBOOK ENTRY :

DISCREPANCY: HDG MISCOMP AND HDG NO COMP WARNINGS ON THE PFD FOLLOWED BY LOSS OF HDI AND HSI INFO AND SVT. PER CIRRUS, MAGNOMETERS NEED CALIBRATED.
 ACTION: Had the aircraft pulled outside, and taxied the aircraft to the compass swing area. Performed the magnetometer calibration IAW the Cirrus Perspective LMM. Both systems ground test good. Returned the aircraft to MillionAir ramp.

GENERAL AVIATION MAINTENANCE RELEASE---THE AIRCRAFT/APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.
 PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER WORK ORDER #29202.


 Signed KD6R661N Robert Carmichael Date 27 FEB 09

	<p>A/C Cirrus / SR22 Hobbs: 0868.6 Transponder Make/Model Garmin / GTX33 S.N. 89107269 in this A/C has been inspected IAW Title 14 CFR 91.413 and found to comply with the specifications of Title 14 CFR 43 App F. Air Data Computer Make/Model Garmin / GDC74A S.N. 20605970, Altimeter #2 Make/Model United / 5934AD-3 S.N. 471805, and the Static System have been inspected IAW Title 14 CFR 91.411 and found to comply with the specifications of Title 14 CFR 43 App E. EXCEPTION; Backup airspeed indicator removed from aircraft. Details on file under MTSWO 40213 CRS TJJR625X Dan Fisher-Chief Inspector <u>Dan Fisher</u> Date 2-11-2014 Mobile Transponder Services, LLC. 6015 W Condor Rd Peyton, CO 80831</p>	<p>N770MM February 11, 2014</p>
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CRS TJJR625X

MOBILE TRANSPONDER SERVICES, LLC

6015 W Condor Rd,
Peyton, CO 80831

719-251-8251

Work Order

Date: 2/11/2014	Work Order: 40213	Name: Aircraft Guaranty Corp Trustee
A/C Make/Model: Cirrus / SR22		Address: PO Box 2549
A/C Registration: N 770MM		Onalaska, TX 77360-2549
A/C Serial #: 3405		Customer P.O.: Verbal - Terry @ Vector Air
A/C Tac:	Hobbs: 868.6	Phone: 303-664-0633

Work to be accomplished: Biennial certification to comply with Title 14 CFR 91.411 and 91.413.

Preliminary Inspection:

- Airspeed indicator leaks at light tray receptacle and at cracked static fitting.
- Transponder C/W 14 CFR 43 app F.
- Air Data Computer and Altimeter #2 C/W 14 CFR 43 app E.
- Static system leaks.

Hidden Damage Inspection: None found.

Work Summary: Completed biennial inspection to comply with Title 14 CFR 91.411 and 91.413
Removed airspeed indicator for repair or replacement.
Applied thread seal at air data computer and altimeter static and pitot fittings.

Final Inspection: Aircraft inspected I/A/W Title 14 CFR 43 app E & F and complies with 14 CFR 91.411 & 91.413.
EXCEPTION: Airspeed indicator removed from aircraft.

PARTS

Description	Model	Part Number	Serial # Off	Serial # On

This aircraft and/or appliance has been inspected and/or repaired in accordance with current maintenance rules of the Federal Aviation Regulations.

Inspector: Dan Fisher Date: 2-11-2014

Forms included with this Work Order: MTSWO 2 MTSYT Other

CRS TJJR625X

MOBILE TRANSPONDER SERVICES, LLC

6015 W Condor Rd,
Peyton, CO 80831

719-251-8251

Transponder Make/Model/S.N.		Altimeter Make/Model/S.N.		Encoder Make/Model/S.N.
#1 Garmin / GTX33 / 89107269		#1 Garmin / GDC74A / 20605970 United / 5934AD-3 / 471805		#1 (Air Data Computer)

MTSWO 40213

APPENDIX - E

Scale Error (Table I)

Baro 29.92 ROC < 20,000 til 2,000' of TP
ROC 2000' to TP. Hold >1<10 min.

Ref.	Tol.±	Alt #1	Enc #1	Alt #2	Enc #2
-1000	20	-1020	-1000	-1020	
0	20	-20	0	-5	
500	20	485	500	500	
1000	20	980	1000	1000	
1500	25	1480	1500	1505	
2000	30	1980	2000	2005	
3000	30	2980	3000	3005	
4000	35	3980	4000	4000	
6000	40	5980	6000	5995	
8000	60	7980	8000	7980	
10000	80	9975	10000	9975	
12000	90	11975	12000	11975	
14000	100	13975	14000	13980	
16000	110	15975	16000	15990	
18000	120	17975	18000	18015	
20000	130	19970	20000	20050	
22000	140	21970	22000	22070	
25000	155	24965	25000	25100	
30000	180	29965	30000	30110	
35000	205				

Friction (Table III)

ROC 750 fpm

Altitude	Tol. ±	Alt #1	Alt #2
1000	70	0	20
2000	70	0	25
3000	70	0	25
5000	70	0	30
10000	80	0	40
15000	90	0	40
20000	100	0	50
25000	120	0	65
30000	140	0	55
35000	160		

Baro Scale Error (Table IV)

Tolerance 25'

Baro.	Delta	Alt #1	Err. #1	Alt #2	Err. #2
28.10	-1727	3375	-3	3438	25
28.50	-1340	3765	0	3780	-20
29.00	-863	4240	-2	4270	-7
29.50	-392	4710	-3	4745	-3
29.92	0	5105	0	5140	0
30.50	531	5635	-1	5690	19
30.90	893	6000	2	6030	-3
30.99	974	6080	1	6100	-14

Case Leak (Table II)

< 100 fpm @ 18,000'

Hysteresis (Table II)

< 15 min after Scale Error reaches upper limit.
ROD > 5,000' < 20,000' to 3,000' of TP. ROD 3,000 to TP.
TP 50% & 40% of max > 1 < 10 min.

After Effect (Table II)

< 5 min. after hysteresis.

Test	Tolerance	Alt #1	Alt #2
Case Leak	100	0	0
Hysteresis 50%	75	0	30
Hysteresis 40%	75	5	25
After Effect	30	5	10

APPENDIX F - TRANSPONDERS

Test	#1	#2
Frequency 1090 ±3 MHz	1089.96	
Suppression		
P2 = P1 <1%	0	
P2 9dB<P1 >90%	100	
Receiver Sensitivity		
MTL -73dBm ±4dB	-75.6dBm	
Mode A vs Mode C (1dB)	0.4dB	
Power Output	174W	
Class 1A & 2A 125W		
Class 1B & 2B 75W		
All < 500W		

MTSWO-2

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: CIRRUS
MODEL: SR22-GT
S/N: 3405
REG. NO: N770MM
WORK ORDER: 18690

Million Air - Salt Lake City

Repair Station No: K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 3/27/2009
A/C TSN: 12.3
TACH: 12.3

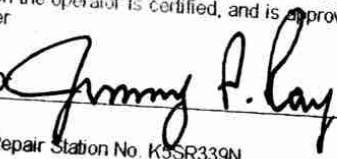
Airframe Entries

ELECTRIC FUEL PUMP P/N 5217-00-3 AND S/N 4695 REMOVED AND REPLACED WITH A NEW FUEL PUMP P/N 5217-00-3 AND S/N 4628. OPERATIONAL AND LEAK CHECK SATISFACTORY. WORK DONE IAW CIRRUS MM CH: 28-20-003.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 3/27/2009

SIGNED



jrav
Certified Repair Station No. K5SR339N

Work Order: 18690

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MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE CIRRUS
MODEL SR22-GT
S/N 3405
REG NO N770MM
WORK ORDER 18956

Million Air - Salt Lake City

Repair Station No K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE 5/29/2009
A/C TSN 518
TACH 518

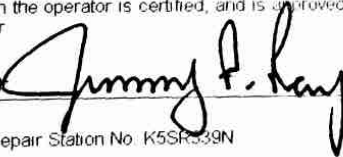
Airframe Entries

AIRCRAFT 50 HOUR INSPECTION IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... ENGINE COWLS REMOVAL AND CLEANING FOR IN-SERVICE INSPECTION I C/W.... ALTERNATE AIR FLAPPER VALVE OPERATIONAL CHECK FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... GASCOLATOR FUEL FILTER AND BOWL DRAIN AND CLEANING FOR IN-SERVICE INSPECTION I C/W BY REMOVING GASCOLATOR AND CLEANING AND REINSTALLING ON AIRCRAFT. LEAK CHECK SATISFACTORY.... EXHAUST SYSTEM INSPECTION/CHECK FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... BRAKE FLUID RESERVOIR SERVICE FOR IN-SERVICE INSPECTION I C/W USING 5606 HYDRAULIC FLUID.... TURBO CHARGER INSPECTION FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... OXYGEN SYSTEM INSPECTION FOR IN-SERVICE INSPECTION I C/W. CHECKED SATISFACTORY.... FOUND FUEL FLOW TO BE LOW, ADJUSTED FUEL FLOW RAN UP. OPERATIONAL CHECKED SATISFACTORY... TURBO CONTROLLER P/N 470688-0005 S/N LJJN00032 REMOVED. NEW CONTROLLER P/N 470688-0005 S/N LEN00231 INSTALLED. LEAK AND OPERATIONAL CHECKED SATISFACTORY.... FUEL FLOW SENSOR P/N 15415-001 REMOVED AND INSTALLED NEW FUEL FLOW SENSOR P/N 15415-001, LEAK CHECKED OPERATIONAL SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 5/29/2009

SIGNED



Jray
Certified Repair Station No. K5SR339N

Work Order: 18956

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MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE CIRRUS
 MODEL SR22-GT
 S/N 3405
 REG NO N770MM
 WORK ORDER 18863

Million Air - Salt Lake City
 Repair Station No. K5SR339N
 303 N 2370 W
 Salt Lake City, Utah 84116
 Phone 801 359-2085

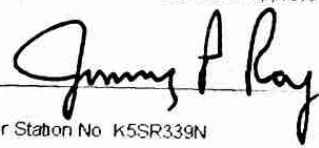
DATE 4/28/2009
 A/C TSN 24 5
 TACH 24 5

Airframe Entries

25 HOUR DELIVERY QUALITY CHECK II CW. CHECKED SATISFACTORY ... GASCOLATOR FUEL FILTER AND BOWL DRAIN CLEANING FOR DELIVERY QUALITY CHECK II CW. CHECKED SATISFACTORY.... BATTERY #1 AND CONNECTORS INSPECTION FOR GENERAL CONDITION AND OPERATION FOR DELIVERY QUALITY CHECK II CW. CHECKED SATISFACTORY.... TURBO CHARGER INSPECTION FOR DELIVERY QUALITY CHECK II CW. CHECKED SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

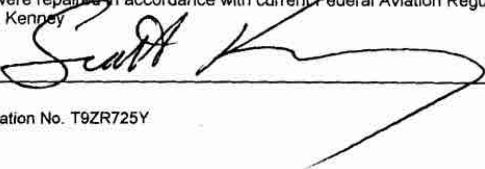
DATE: 4/28/2009

SIGNED: 
 jray
 Certified Repair Station No. K5SR339N

Work Order: 18863

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MAINTENANCE RECORD F.A.R. 43.9

DATE	AIRCRAFT TYPE	DESCRIPTION OF WORK PERFORMED	AGENCY & CERTIFICATE NO.
		<p>MAKE: Cirrus MODEL: SR22 G3 Turbo S/N: 3405 REG NO: 770MM WORK ORDER: 4181</p> <p style="text-align: center;">Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838</p>	<p>DATE: 7/27/2009 A/C TSN: HOBBS 93 8</p>
		<p>Airframe Entries</p> <p>C/W - Cirrus 100 hour Inspection as per Cirrus Scheduled Maintenance Program. See additional items for TCM and TAT inspection requirements</p> <p>Customer performed return to service flight.</p> <p>Cirrus - C/W Tornado Alley 100 hour turbo installation inspection.</p> <p>Secured pilots map light switch in headliner.</p> <p>Reglued upper cowl seal on RH side of upper cowl.</p> <p>Installed new MS21059L08 nutplate in right aftercooler lower mounting flange.</p> <p>Wet sanded and buffed out scratches on spinner.</p> <p>Fabricated and installed repair patch for right aft lower aftercooler support doubler.</p> <p>Removed and reinstalled #4 and #6 fuel injection lines. Torqued to 60 inlbs.</p> <p>Re-torqued and safetied mixture control hardware.</p> <p>Installed servicable ETI-G2-600-5,Support Safety, Left Tailpipe</p>	
		<p>I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney</p>	
DATE: 7/27/2009		<p>SIGNED: </p> <p>Scott Kenney Certified Repair Station No. T9ZR725Y</p>	<p>Work Order: 4181 Printed by EBis 3 (datcomedia.com)</p>

MAKE: Cirrus
MODEL: SR22 G3 Turbo
S/N: 3405
REG. NO: 770MM
WORK ORDER: 4215

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 8/11/2009
A/C TSN: 91
HOBBS: 102.9

Airframe Entries

- 1 Removed cowling. Inspected exhaust system and manifold pressure transducer and wiring. Cleaned and lubed connectors. Run-up check OK.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 8/11/2009

SIGNED:



Work Order: 4215

Eric Svelmoe
Certified Repair Station No. T9ZR725Y

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MAKE: Cirrus
MODEL: SR22 G3 Turbo
S/N: 3405
REG. NO: 770MM
WORK ORDER: 4243

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 8/28/2009
A/C TSN: 21
HOBBS: 114.8

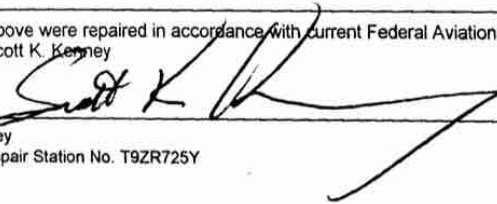
Airframe Entries

- 1 Removed both nav light covers and inspected for shorting wires. Repositioned ground strap in LH wing tip to avoid contact with rear facing nav light power wire.
- 2 Changed nose tire and tube, balanced and installed wheel.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 8/28/2009

SIGNED:



Work Order: 4243

Scott Kenney
Certified Repair Station No. T9ZR725Y

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100 Page 72

MAINTENANCE RECORD

MAKE: Cirrus
MODEL: SR22 G3 Turbo
S/N: 3405
REG. NO: 770MM
WORK ORDER: 4289

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 10/2/2009
A/C TSN: 138
HOBS: 138

Airframe Entries

- 2 C/W Cirrus 50 HR scheduled maintenance inspection items.
- 3 Cirrus - C/W 50 hour turbo installation inspection per Tornado Alley inspection guide.
- 4 Cirrus - C/W Precise Flight Oxygen 50 hour inspection
- 5 Removed, Repaired and reinstalled LH engine baffle due to broken attach flange inboard of intercooler.
- 6 Adjusted LH turbo support rod IAW TAT ICA's.
- 7 Cleaned oil from wastegate actuator. Ran engine leak checked and OK.
- 8 Re torqued valve cover screws due to oil leaks.
- 9 Installed new fuel flow transduce.
- 10 Tightened and replaced loose and missing screws in RH AFT engine baffle.
- 11 Adjusted wastegate cable and spring IAW TAT ICA's due to loose.
- 12 Cirrus - C/W TAT SB09-01 Cracks around turbo mount flange. Due each oil change not to exceed 50 hours. Effective serial number 22-2610 and subsequent.

VICE

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 10/2/2009

SIGNED: 
Ed Wakefield
Certified Repair Station No. T9ZR725Y

Work Order: 4289

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MAINTENANCE RECORD

MAKE: Cirrus
MODEL: SR22 G3 Turbo
S/N: 3405
REG. NO: 770MM
WORK ORDER: 4449

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 3/5/2010
A/C TSN: 186
HOBBS: 186

Airframe Entries

- 1 Annual Inspection - I Certify that this Airframe has been inspected for Annual Inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.
- 4 Cirrus - C/W 100 hour turbo installation inspection per Tornado Alley inspection guide.
- 15 Complied with inspection of ACK ELT.
- 18 Complied Honeywell KGP560 (EGPWS) Enhanced Ground Proximity Warning System Inspection for Continued Airworthiness. Perform inspection IAW Honeywell KGP-560 Installation Manual Section 7.4
- 19 Complied with inspection of L3 WX500 storm scope system in accordance with Installation Manual Section 4.3
- 20 Complied with L3 TRC 497 Traffic system Inspection for Continued Airworthiness. Perform inspection IAW L3 SKY497 Installation Manual Section 4.3
- 21 Complied with inspection for continued airworthiness in accordance with Heads Up Technologies Inspection Form for XM weather / radio systems.
- 22 Complied with Garmin GNS430/GMA340 Instructions for Continued Airworthiness. I/AW Section 2.5 & Chap.34-50 MM
- 23 Complied with Garmin GTX327 Inspection for Continued Airworthiness. I/AW Installation Manual Section A-3 Chap.34-50
- 24 Complied with Precise flight instructions for continued airworthiness.
- 25 Cirrus - Airbag equipped Seat Belts, Connected test box to trouble shoot system prior to seat removal and required recertification after seat installation.
- 26 Cirrus - Brake Caliper O-Ring Replacement. Replaced the brake caliper o-rings with new high temp o-rings.
- 27 Certified VOR system to FAR 91.171 for IFR operation.
- 28 Performed return to service flight check and OK.
- 29 ✓ C/W SB 2X-30-05 Possible Miswiring of Lift Transducer Heat Relays. Found wiring for AOA Heat #2 relay socket incorrect. Corrected miswiring. #1 relay socket OK.
- 30 ✓ C/W SB 2X-32-19R1 Nose Landing Gear Assembly Inspection and Reinforcement. No cracks or defects found.
- 32 ✓ Complied with Cirrus SB 2X-42-02 Potential Garmin GFC 700 AFCS Availability Condition by installing Cirrus Perspective Avionics Software Version 764.06 IAW SB 2X-42-05.
- 33 ✓ Cirrus - C/W SB 2X-30-07R1 Porous Panel Vent Inspection. Removed sealant from outboard vent holes and installed new sealant bead.
- 34 ✓ C/W SB 2X-27-16 Flap Actuator Modification. Installed kit p/n 70231-001 IAW SB. Rigged flap travels IAW AMM. Op Check OK.
- 35 ✓ C/W SB 2X-30-06 Possible Wire Harness Error on FIKI Metering Pumps. Found pumps wired correctly and wiring correctly labeled.
- 36 ✓ Cirrus - C/W SB 2X-05-01 Brake Assembly O-Ring Replacement Interval. Replaced brake assembly o-rings with new and installed second temperature indication sticker.

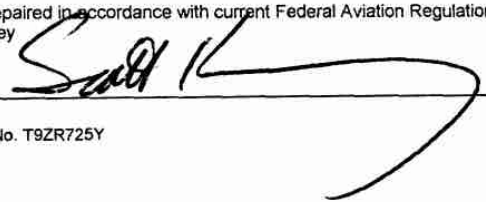
- CO
- 38 Repositioned ignition harness to prevent chafing on LH mag cap screws.
- 39 Replaced gaskets at accessory drive adaptors with new due to oil leaks. Reinstalled and timed RH and LH magnetos.
- 40 Replaced #1 alternator gasket with new due to leak.
- 41 Replaced LH o-ring on upper rear crankcase through bolt with new due to leak.
- 42 Lower cowl has .300 diameter hole chaffed completely thru the lower cowl in the forward area of the nose bowl curve. Performed composite repair of lower cowl at the curve of the nose bowl area in accordance with chapter 51 of the SR22 maintenance manual.
- 43 Replaced 2 rivets in LH lower cowl louver with new.
- 44 Replaced missing pieces of seal on both lower cowls.
- 45 Removed existing repair from LH side baffle due to crack. Fabricated and installed new patch. Replaced angle support with new.
- 46 Replaced pass through seals at intercoolers in RH and LH aft baffles due to missing.
- 47 Replaced 2 broken rivets in baffle support at #2 cylinder.
- 48 Replaced broken rivet in #3 cylinder baffle support.
- 49 Stop drilled crack in #2 alternator cover baffle to prevent spreading.
- 50 Trimmed throttle cable bracket and repositioned to prevent chafing on induction coupler and clamp for #2 cylinder.
- 51 Repositioned and chafe protected air duct from LH tail pipe heat exchanger to cabin air valve due to contact with screws on MCU heat shield.
- 52 Replaced protective tubing on LH turbo support rod due to wear. Adjusted alignment of support rod and bushing.
- 53 Tightened exhaust heat shield clamps.
- 54 Removed extensions from all 4 inter cylinder baffles due to chaffing on induction drains. Relieved contact area to allow clearance, Reinstalled.
- 55 Installed new rebound bumper in accordance with maintenance manual.
- 56 Installed new LH rear facing nav light bulb.
- 57 Replaced RH fuel quantity sender dial with new. Performed fuel gauge calibration IAW AMM.
- 58 Applied chafe protection to FWD RH engine baffle in area of contact with #5 cylinder head.
- 60 Replaced seal on TKS fitting in rear fuselage on LH sidewall. Leak check OK.
- 61 Touched up paint and installed chafe protection on LH wing lower surface at landing gear fairing.
- 62 Reglued section of LH wing root fairing debonding from wing lower surface.
- 63 Replaced about 2 ft. section of tape on lower RH wing root fairing at wing surface.
- 64 Reglued RH landing gear fairing grommets.
- 65 Loosened throttle plate roller bolt and safetied. Lubed throttle plate slot and checked for smooth throttle operation, checks good.

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- 67 Replaced LH TKS tank low level sensor with new. Function and leak check good.
- 69 Replaced RH main tire and tube with new Goodyear Flight Special II.
- 70 Installed new clear protective tape on nose wheel pant tow bar area.
- 72 Repaired crack in lower portion of nose wheel pant in accordance with Chapter 51 of the maintenance manual. Painted repair to match.
- 73 Removed RH and LH cylinder head pre heaters and wastegate supports. Replaced all rocker cover gaskets with new due to leaks. Reinstalled pre heaters and wastegate supports.
- 74 Wet sanded and buffed out RH flap inboard upper surface, and well area.
- 75 Replaced RH horizontal stabilizer fairing with new.
- 76 Replaced right rear cup holder with new unit.
- 77 Topped off TKS tanks.
- 78 Topped off O2 bottle.
- 79 Replaced Landing light lens cover with new.
- 80 Rerouted wiring in overhead to center courtesy light IAW Wiring Manual. Replaced courtesy light switch with new. Replaced overhead O2 manifold and bracket assembly with new. Function test OK.
- 81 Removed impulse cam, inspected oil slinger found movement and found impulse coupling housing partially magnetized. Demagnetized housing and reassembled. Bench tested IAW TCM Manual X42002-1.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney



DATE: 3/5/2010

SIGNED:
Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 4449

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MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 10-8-10 TAC/HM : 275.1 ACFT REG #: 770MM S/N 3405

Following repairs were accomplished:

- Installed new brake wear pads on the LH and RH brakes IAW SR22MM 32-42 & Cleveland MM 200 (B)(1)-(7). Ops check good.
- Over temp on RH brake caliper confirmed. Inspected LH & RH brake calipers and replaced orings on all pucks. Calipers are OK for continued service. Replaced over temp indicators and reinstalled serviceable LH & RH brake assemblies IAW SR22 MM 32-42 & Cleveland MM 200 2(A). Ops and leak check good.

Pertinent details of the work described above are on file at this agency under W.O.#13644C. This aircraft was repaired and inspected in accordance with current federal aviation regulations, is Airworthy with respect to the work performed, and is approved for return to service. END.

Flightcraft Portland CRS# FCPR831D 4974

MAINTENANCE RECORD F.A.R. 43.9



FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 3/11/2011 HM: 337.4 N 770MM S/N 3405

Complied with the following Service Bulletin:

- SB 2X-71-16R1 C/W. Installed new #2 alternator cover P/N17547-004 using install kit P/N 70242-001.

Following repairs accomplished:

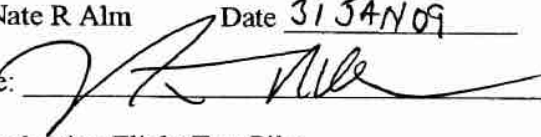
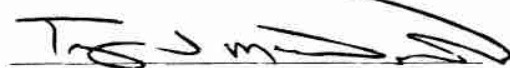
- Removed propeller from aircraft & sheave-drive from propeller. Installed new sheave-drive P/N 657171 on propeller I/A/W Cirrus SR22 M/M 61-10 & 24-30. . Reinstalled propeller with new O-ring P/N C3317-228 I/A/W Hartzell Manual 145.
- Removed #2 alternator S/N I100378 Installed new alternator P/N 657199 S/N H-K100130 with new belt P/N 657970 I/A/W Cirrus M/M 61-10 & 24-30.
- Engine was run up. Operational normal. No leaks noted.

Pertinent details of the work described above are on file at this agency under W.O. #13960C. This aircraft was repaired and inspected in accordance with current federal aviation regulations and is determined to be Airworthy with respect to the work performed. Aircraft approved for return to service this date. END.

Flightcraft Portland CRS# FCPR831D

J L Huston

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
31 JAN 09	3.2	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Nate R Alm Date <u>31 JAN 09</u></p> <p>Signature: </p> <p>Title: Production Flight Test Pilot</p>
Feb 18, 2009	3.2	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Feb / 18 / 2009</u>.</p> <p>The next inspection is due <u>Feb / 28 / 2010</u>.</p> <p></p> <p>Troy J. McDonald ODARF-405228-CE</p>

INSPECTION RECORD

FLIGHTCRAFT
a PAPER GROUP company

FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE: 4/7/2011 HM: 340.7 N 770MM S/N 3405

Complied with the following inspections:

- Annual Inspection C/W I/A/W FAR 43 Appendix D using Cirrus SR22 Inspection Guide 5-20 15 DEC 2010 & Tornado Ally Turbo Maintenance Check Guide 22-6460004 ICA Rev. A.
- 12 Month ELT Inspection C/W I/A/W FAR 91.207 using form FC027-10/05. Battery due date FEB 2014.
- 12 Month Fire Extinguisher Inspection & weight check C/W I/A/W Cirrus SR22 26-20 15 JUN 2010 & NFPA-10.
- ✓ 2 Year GSM 85/86 roll, yaw & pitch servo mount visual Inspection C/W I/A/W Cirrus SR22 AMM 5-20 15 JUN 2010.
- 2 Year GSM 85/86 servo clutch test C/W I/A/W Cirrus SR22 AMM 22-12 15 JUN 2010.
- ✓ 24 Month GMV magnetometer calibration performed I/A/W Citation SR22 AMM34-20 Rev B.

Complied with the following Airworthiness Directives and Service Bulletins:

- AD 2010-07-08 Amendment 39-16253 N/A by turbocharger P/N. Installed P/N 466304-0003.
- AD 93-05-06 Amendment 39-8511 Inspected starter relay installation. Diode is installed on MCU circuit board. ACU starter switch due inspection & lubrication @ 2000 flight hours I/A/W ACS SB 92-01.
- Cirrus SB 2X-30-07 Rev. 3 C/W. Inspected TKS panels & cleared vents. SB 2X-30-07 Rev. 1 previously complied with, resealing not required.
- Cirrus SB 2X-32-19 Rev. 2 C/W. Inspected NLG. No cracks or defects noted. Next inspection due in 100 flight hours.

INSPECTION RECORD

F A B 4211 01 100

- Cirrus SB 2X-42-03 Perspective Avionics card files previously complied with. No action required.
- Cirrus SB 2X-95-12 N/A. Aircraft did not have line cutter replaced between 10/1/2009 & 4/9/2010. No further action required.
- Cirrus SB 2X-93-02 C/W. EVS camera image not inverted. No further action required.
- Cirrus SB 2X-42-06 R2 C/W Updated Garmin Perspective S/W to level 0764.09.

Following repairs accomplished:

- Removed blown 100 AMP MIDI fuse. Installed new 100 AMP fuse P/N 51136-100 I/A/W Cirrus SR22 AMM 24-30 15 JUN 2010. #1 alternator operates normal.
- Removed TKS filters. Installed new filters P/N 26115-101 (2 each) I/A/W Cirrus S22 AMM 30-07 15 JUN 2010. Replacement of filters recommended every 2 years or 200 hours.
- Repaired TKS fluid leak @ forward proportioning valve. Installed new O-ring seal P/N 15164-092 @ port #5 & Olive P/N 15164-022 @ port #2 I/A/W Cirrus SR22 AMM 20-80 15 JUN 2010.
- Removed #1 battery S/N 40268895. Installed new battery P/N RG24-11M S/N 40405922 I/A/W SR22 AMM 24-30 15 JUN 2010. Initial capacity check due in 24 months or 1200 hours.
- Removed # 2 batteries (2 each). Installed new batteries P/N 50979-001(2 each) I/A/W SR22 AMM 24-30 15 JUN 2010. Battery due replacement 2 years or 500 hours.
- Removed worn R/H brake disc. Installed new disc P/N164-02504 with new brake linings P/N RA66-62 (4 each) I/A/W Cleveland M/M Appendix A-4.
- Removed minor corrosion from NLG wheel dust seal surfaces. Etched & alodined surfaces I/A/W Cleveland M/M SECT. 300-4 Appendix. B-4.
- Repaired crack in composite NLG wheel pant using glass fiber cloth laminate process. Painted pant as necessary. Maintenance performed I/A/W Cirrus SR22 51-20 15 JUN 2010.
- Adjusted elevator cable tension to 35 lbs @ 65deg. I/A/W Cirrus S22 AMM 27-30.

Pertinent details of the work described above are on file at this agency under W.O. #13981C. This aircraft was repaired and inspected in accordance with current Federal Aviation Regulations 43 Appendix D. Aircraft is determined to be in airworthy condition and is approved for return to service this date. Page 2 of 2. END.

Flightcraft Portland CRS# FCPR831D

J. L. Duxton

INSPECTION RECORD

FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Log Entry Type: Airframe Reg#: N770MM Model: Cirrus SR22 S/N: 3405
Hobbs/HM: 522.1/409.7 TTSN: 522.1/409.7

Complied with the following inspections:

- 5 Performed annual inspection I/A/W FAR Part 43, appendix D using Cirrus SR22 inspection guide 05-20 dated 31 May 2011 and Tornado Alley Turbo, Inc. maintenance guide 22-6460004 ICA Rev. A.
- 5 ELT operational check I/A/W FAR 91.207(d). Batteries due Feb. 2014.

Complied with the following Airworthiness Directives and Service Bulletins:

- 5 Researched airworthiness directives through bi weekly issue 2011-19, none applicable at this time.
- 6 Cirrus SB 2X-27-16R1 C/W using instructions for group A aircraft by installation of flap system kit P/N 70255-001 and rigging proximity sensors to 0, 16 and 32 degrees of flap travel. Operational checks good, no further action required. Work performed I/A/W SB 2X-27-16R1 dated 4-6-11.

Following repairs accomplished:

- 4 Removed engine TCM IO-550-N60, S/N 692109. Propeller Hartzell PHC-J3Y1F-1N, S/N NJ41B, prop governor P/N C290D3R/T23, S/N 080246. L/H turbocharger Kelly Aerospace P/N 466304-0003, S/N LJL00280. R/H turbocharger Kelly Aerospace P/N 466304-0003, S/N LJL00126 due to metal contamination in the engine oil. Engine repaired by Premier Aircraft W/O number 12023 dated 09/09/2011. Propeller repaired by Flightcraft propeller shop this W/O, item 4.1. Turbochargers repaired by Main Turbo Systems Inc. W/O # 43232, left. W/O # 43233 right. Prop governor repaired by Wings West Governor Exchange & Overhaul Inc. on W/O # WW22376. Installed engine accessories and installed engine on the aircraft. Starter replaced with new P/N C24ST3, S/N on 4C3-251124. S/N off 4C3-020939. Engine run up completed, no leaks or defects noted. Fuel system set I/A/W TATI instructions for continued airworthiness. Work performed I/A/W SR22 AMM 71-00 (Rev. B1) and TATI ICA pg. 27 (Rev. A).

Cont'd page 1 of 3

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
7		Repaired engine L/H center baffle by fabricating and installing three angle repairs 2024-T3 .040 alclad aluminum. Attached with AN470 rivets. Existing cracks stop drilled. Work performed I/A/W AC43.13-1B Para. 4-58, page 4-27, fig. 4-17. Change 1.
8		Repaired engine R/H center baffle by stop drilling crack and fabricating angle repair 2024-T3 .040 alclad aluminum attached with AN470 and AN426 rivets. Work performed I/A/W AC43.13-1B page 4-27, Para. 4-8, fig. 17. Change 1.
9		Repaired engine L/H forward baffle I/A/W AC43.13-1B, chapter 4, sect. 4 change 1.
10		Replaced R/H cylinder drain tube P/N 13913-002 with new adjacent to oil pump I/A/W Cirrus SR22 AMM 71-70 (Rev. B1).
11		Replaced left and right exhaust bonding straps with new P/N MS25083-6BB6 I/A/W Cirrus SR22 AMM 20-60 (Rev. B1).
12		Replaced L/H aft baffle retention spring with new P/N 51021-001 I/A/W Cirrus SR22 AMM 71-10 (Rev. B1).
13		Replaced propeller slinger ring de ice feed tube P/N M15388-002 with new I/A/W Cirrus SR22 AMM 30-60 (Rev. B1).
14		Replaced R/H nose wheel bearing P/N 2604885 and race P/N 214-00300 with new. I/A/W Cleveland AWBCMM 0001-7 dated April 1, 2007.
15		Cleaned corrosion from R/H nose wheel half. Etched and alodined after cleanup. Work performed I/A/W Cleveland AWBCMM 0001-7 dated April 1, 2007.
16		Replaced R/H brake caliper insulator P/N 068-01100 with new I/A/W Cleveland MM AWBCMM0001-7 dated April 1, 2007.
17		Reattached loose grommet L/H MLG upper leg I/A/W Cirrus SR22 AMM 32-10 (Rev. B).
18		Removed, disassembled, cleaned and inspected R/H brake caliper due to overheat indication. Replaced O rings P/N 101-34500 (2 ea.) and temperature sensors P/N 51698-003 and 51698-001 with new. Installed caliper, bled brake and serviced reservoir. Operational checks good. Work performed I/A/W Cirrus SR22 AMM 32-42 (Rev. B) and Cleveland MM AWBCMM0001-7 dated April 1, 2007.
19		Reattached loose grommet R/H MLG upper leg I/A/W Cirrus SR22 AMM 32-10 (Rev. B).
20		Replaced L/H MLG brake rotor P/N 3222675 and linings 066-06200 (4 ea.) with new I/A/W Cleveland MM AWBCMM. Performed conditioning procedure, operational checks good. 0001-7, section 300 dated April 1, 2007.
21		R/H wing root fairing disbonding. Reattached I/A/W Cirrus SR22 AMM 53-50 (Rev. B1).

Cont'd page 2 of 3


**INSPECTION RECORD
F.A.R. 43.11-91.409**

FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

- 22 R/H upper door hinge pin adjusted for proper fit and operation I/A/W Cirrus SR22 AMM 53-40 (Rev. B1). Operational checks good.
- 25 ELT P/N 453-6603, S/N 188-04389 inspected by Cobham Electronics for proper frequency transmission. Installed in aircraft and performed operational check, okay. Installation performed I/A/W Cirrus SR22 AMM 25-20 (Rev. B1).
- 26 MLG alignment checked. L/H .057", R/H .000", within limits. Work performed I/A/W Cirrus SR22 AMM 32-10 (Rev. B1).
- 28 Removed worn R/H MLG tire S/N 81140066. Cleaned and inspected wheel assembly, no defects noted. Installed new tire P/N 156E66B1, S/N 11377641 with new tube P/N 302-246-401. Installed wheel assembly on R/H landing gear. Work performed I/A/W Cirrus SR22 AMM 32-41 (Rev. B1) and Cleveland CMM Issue 7, section 300 dated 4-1-07.

Pertinent details of the work described above are on file at this agency under W.O. #: 14298C. This aircraft was repaired and inspected in accordance with Annual inspection per federal aviation regulations Part 43, Appendix D. Aircraft is determined to be in airworthy condition and is approved for return to service this date. END.

Flightcraft Portland CRS# FCPR831D:  8811 Date: 09/21/2011

Michael C. Tindall

INSPECTION RECORD F.A.R. 43.11-91.409

DATE AIRCRAFT TIME IN SERVICE KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Log Entry Type: Airframe Reg#: N770MM Model: Cirrus SR22 S/N: 3405
Hobbs/HM: 527.2/412.5

Complied with the following Airworthiness Directives and Service Bulletins:

3.0 Tornado Alley Turbo Inc. SB11-05 dated 23 Sept. 2011 complied with by replacing sparkplugs (12 ea.) with P/N RHB32E plugs I/A/W the SB. Ran up engine, operational checks good.

Following repairs accomplished:

1.0 Removed and replaced #2, #3 and #5 CHT probes with new P/N 24584-001 I/A/W Cirrus SR22 AMM 77-20 (Rev. 15 Jun 2010). Ran up engine, operational checks good.

This certifies that only work requested by the customer under W.O.#: 14425C was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:

 8811

Date: 09/28/2011

Michael C. Tindall

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Log Entry Type: Airframe Reg#: N770MM Model: Cirrus SR22 S/N: 3405
 Hobbs/HM: 564.4/443.1 TTSN: 564.4/443.1

Complied with the following Airworthiness Directives and Service Bulletins:

- 1 Emergency Airworthiness Directive 2011-25-51 dated November 29, 2011 and TCM MSB11-4 dated November 23, 2011 complied with by replacing starter adapter with a rebuilt unit. No further action required.

Following repairs accomplished:

- 4 Replaced L/H center engine baffle P/N 22-5850005 and R/H engine center baffle P/N 22-5850006 with new I/A/W Cirrus SR22 AMM 71-00 (Rev. B1).

This certifies that only work requested by the customer under W.O.#: 14517C was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:  8811 Date: 12-05-2011

Michael C. Tindall

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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FLIGHTCRAFT

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

Log Entry Type: Airframe Reg#: N770MM Model: Cirrus SR22 S/N: 3405

Hobbs/HM: 597.5/470.9 TTSN: 597.5/470.9

Following repairs accomplished:

- 1 Removed engine cowling. Replaced loose rivets on LH lower cowl louver. Installed engine cowling. Work performed I/A/W Cirrus SR22 AMM 20-70 Par F(3) dated 15 June 2010.

This certifies that only work requested by the customer under W.O.#: 14687C was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:  8811 Date: 02/28/2012

Michael C. Tindall

INSPECTION RECORD

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N770MM Model: Cirrus SR22 S/N: 3405
Hobbs/HM: 517.7 TTSN: 517.7

Following repairs accomplished:

2.1 Removed damaged nose wheel pant and install new P/N 26168-001-01 pant assembly. Work performed I/A/W SR22 AMM Chap. 32-20, dated 5/31/2011.

This certifies that only work requested by the customer under W.O.# :PDX-12-192 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: Daniel R. [Signature] Date: 06/08/2012

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N770MM Model: Cirrus SR22 S/N: 3405
Flight/HM: 584.6/729.8 TTSN: 584.6/729.8

Following repairs accomplished:

2.2 Removed the #1 engine driven alternator P/N 656802, S/N I100505 and replaced with new P/N 656802, S/N H-K121296 alternator. Ops check good. Work performed I/A/W Cirrus SR22, M.M. 24-30, Rev. 5/1/12

This certifies that only work requested by the customer under W.O.#:PDX-12-419 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D: Daniel R. [Signature] Date: 09/11/2012

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: 770MM Model: SR22 S/N: 3405
Hobbs/Flight: 773.6/621.2 TTAF: 773.6/621.2 Date 11/27/2012

Complied with the following inspections:

- | Sqk | Work Performed |
|-----|--|
| | Performed annual inspection as required per 14 CFR 91.409 in accordance with Part 43, using Cirrus SR22 inspection guide Ch. 05-20 dated 31 May 2011. |
| 1.1 | Performed ELT ops. check as required by FAR part 91.207. Operational checks good. Battery next due 3/14. See Flightcraft form FC027 for details. |
| 1.2 | Inspected the Precise Flight built-in Oxygen System in accordance with Precise Flight ICA doc# 102NMAN0003, Rev. E. Complied with 50 hr inspection items, 3 year inspection items with the replacement both CPC connector O-rings with new P/N AS568A-008 N70 O-rings and annual inspection items. Ops check good. |
| 1.3 | Performed cabin fire extinguisher inspection/weight check I/A/W Cirrus SR22 M.M Ch. 26-20. Rev. June 15, 2010. No defects noted. |
| 1.4 | Complied with Tornado Alley Turbo, Inc. annual inspection I/A/W Tornado Alley Continued Airworthiness Manual #22-6460004, Rev. C. |
| 1.5 | Performed Garmin GSA 80 Yaw Servo 3 year special inspection I/A/W Cirrus M.M. Ch. 22-12, Rev. B33 |
| 1.7 | Performed Garmin GSA 81 Roll and Pitch Servo 3 year special inspection I/A/W Cirrus M.M. Ch. 22-12, Rev. B33 |
| 1.8 | |

Complied with the following Airworthiness Directives and Service Bulletins:

- | Sqk | Work Performed |
|-----|--|
| 3.1 | Researched airworthiness directives through biweekly issue 2012-18. None outstanding. |
| 5.4 | Complied with Cirrus MSB 2X-57-13 R2 re-torquing of the lower landing gear attach bracket bolts. |

Following repairs accomplished:

- | Sqk | Work Performed |
|-----|---|
| 2.1 | Replaced the R/H LDG fairing rivets as needed to secure loose nut plate tab I/A/W AC4313-1B, par. 4-57. |
| 2.2 | Repaired damaged on the left main landing gear upper fairing by cleaning damage paint and touching up with epoxy urethane. Installed anti-chafe tape to protect area from further abrasion. Work performed I/A/W Cirrus SR22 M.M. Rev. B3, Ch. 51-20. |
| 2.3 | Replaced both L/H and R/H main wheel brake disks and linings with new disks P/N 164-02504 and linings P/N 066-06200 I/A/W Cleveland CMM 0001-9, Section 300. |
| 2.5 | Cleaned up light rust as needed from the alternate air door hinge and lubricated hinge I/A/W TATI SB10-01, dated 01/20/10. |

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-12-446. This aircraft was repaired and inspected in accordance with current federal aviation regulations 14 CFR 91.409(a)1. This aircraft is determined to be in airworthy condition and is approved for return to service this date. END.

Flightcraft Portland CRS# FCPR831D:



Date: 11/27/2012

Daniel R. Rice for CRS# FCPR831D

Midwest Aircraft Refinishing

11038 Hwy 37 Bld A Box 8

Hibbing, MN 55746 (218)404-0314

Cirrus Design Corp SR22 12 Jun 2013

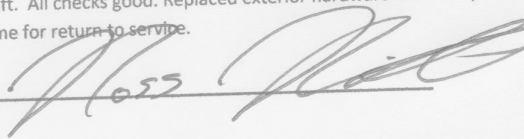
N770MM 22-3405 Hobbs- 872.9 Flt-700.9

Removed and disassembled engine cowlings, flight controls, fairings, wheel fairings, cabin doors, wing tips, baggage door, access panels, grab handles, and entry steps in preparation for paint work. Prepped and painted aircraft and associated parts IAW SR22 AMM Ch 51. Displayed N# on aircraft. Replaced all required exterior placards. Replaced seat covers and arm rests. Re-upholstered headliner and associated components. Balanced primary flight controls and are within limits. Re-assembled aircraft. All checks good. Replaced exterior hardware. All work performed IAW SR22 AMM. All W&B changes negligible. I hereby approve this airframe for return to service.

Ross W. Robillard

A&P # 3353760

Signature



7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Airframe Reg#: N770MM Model: Cirrus SR22 S/N: 3405
HM/Flight: 781.6/627.5

Following repairs accomplished:

- 2.1 Removed the nose wheel fairing/pant. Replaced the nose wheel tire and tube with new tire P/N 070-312-0, S/N I073S00133 and tube P/N 092-308-0 I/A/W Cirrus SR22 M.M. Ch. 32-20, 12-10, Rev. B3 and Cleveland CMM0001-9. Ops check good. Nose wheel fairing/pant not reinstalled. Weight and balance amended to show removal of fairing.

This certifies that only work requested by the customer under W.O.#:PDX-12-562 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:



Date: 12/06/2012

August 20, 2013

N770MM

Cirrus SR22 S/N 3405

Flt meter: 733.5

ACTT 733.5



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

1. Complied with Cirrus **SB2X-27-17** by replacing electro-mechanical relays with new electronic relay P/N 29409-001. Performed ops check in accordance with service bulletin.
2. Complied with Cirrus **SB 2X-42-08R1** by installing Garmin Perspective software update to version 0764.15.
3. Installed Aerospace Logic FL202G, S/N ASL006242 digital fuel quantity display and CIES fuel level sensors in accordance with STC SA02825NY. See FAA form 337 dated August 20, 2013.

-----END-----



Joel Burkholder
IA3277608



Travel Express Aviation Maintenance, Inc
DuPage Airport, West Chicago, IL 60185

Aircraft: N770MM Date: 12/31/12 Invoice 4559

FLIGHT: 640.3 HOBBS: 798.5

The following work was accomplished:

Removed and replaced wastegate pins with new P/N MS20392-1C13, P/N MS20392-1C24, and P/N AA55488-2.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Mark Palazzo

Mark Palazzo, AP 3287711 IA

End

		This tag certifies that Sky-Tec Model No. <u>C24S15</u>
		Serial No. <u>4C5-281304</u> was manufactured new on <u>16 Jul 2012</u>
		by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
		Supplement No. <u>6</u> in accordance with Sky-Tec's
		FAA-Approved Quality System (14CFR Part 21, Subpart K).
		This article has been determined to be airworthy.
		For installation eligibility see www.skytecair.com/eligibility.htm
		Starter Installed on <u>N 770MM</u> by _____
		(Aircraft) (Mechanic)

Form CC1108-1

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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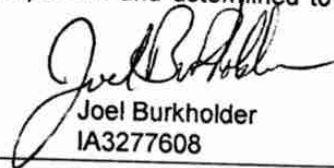
March 19, 2014
N770MM
Cirrus SR22 S/N 3405
 Flt time: 868.6 ACTT: 868.6



Erie Municipal Airport
 395 Airport Drive
 Erie, Colorado 80516

1. Performed an **annual** inspection of aircraft in accordance with FAR 43 appendix D, Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks 100hour and annual items as a guide, Precise Flight instructions for continued airworthiness 50hr items. Tornado Alley continued airworthiness 50/100 hour inspection items.
 2. Tested ELT in accordance with FAR 91.207 (a-d), Replaced battery P/N 455-0012, due **May 2021**.
 3. Complied with Tornado Alley, **SI08-05** induction filter cleaning, **SI08-04** heat exchanger inspection, **SB08-01** breather discharge tube cleaning, **SB08-02** PRV duct inspection, **SB09-01** Half stamp exhaust manifold inspection, **SB12-02** engine driven fuel pump inspection, **SI11-01**, inspection of exhaust system slip joints, **SB11-04** turbo inlet screen, **SB11-03** Turbo support rod alignment, **SB10-01** alternate air door hinge inspection.
 4. Complied with Cirrus **SB 2X-32-19R2** Inspection of nose landing gear upper gusset welds.
 5. Complied with 2year replacement of # 2 batteries, P/N's 50979-001.
 6. Replaced # 2 alternator drive belt, P/N 657970.
 7. Replaced starter with new Sky-Tec P/N C24ST5, S/N 465-281304.
 8. Removed and reinstalled oxygen cylinder and regulator P/N 102N0000, S/N HPR100928/1648, sent to Precise Flight Inc. for 5year overhaul. See FAA form 8130-3 and Precise Flight work order # 85277 dated Feb 21 2014.
 9. Complied with Cirrus **SB 2X-57-13R2** by checking torque on main landing gear attach fittings.
 10. Replaced both wastegate support bracket bolts P/N's MS21250-05020, bushings P/N 22-620023, and teflon sleeves on turbo support rods.
 11. Replaced induction air filter assembly P/N 33-2022.
- Inspected aircraft exhaust, fuel and oil systems, landing gear, structure, wings, control systems and overall aircraft condition. C/W inspection instructions for continued airworthiness for installed STC's, and 337's. A list of AD's may be found in aircraft records. I certify this aircraft has been inspected in accordance with an **annual** inspection and determined to be in airworthy condition.

-----END-----


 Joel Burkholder
 IA3277608

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

March 19, 2014

N770MM

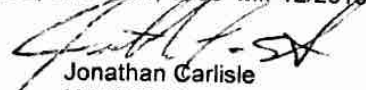
Cirrus SR22 S/N 3405

Flt time: 868.6 ACTT: 868.6



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

Removed and replaced CAPS Reefing line cutters. Installed line cutter kit P/N 25347-002, S/N 5494, 5486 Mfr 12/2013 New expiration date Dec 2019. -----END-----


Jonathan Carlisle
IA3063926

March 19, 2014

N770MM

Cirrus SR22 S/N 3405

Flt time: 868.6 ACTT: 868.6



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

1. Replaced nose gear tire with Michelin Condor P/N 072-312-0, S/N 2189S00288, and innertube Michelin Airstop P/N 092-308-0.
2. Complied with Cirrus SB2X-28-11R3, by replacing sealant in both TKS tanks and installing new fuel vent tubes P/N 17313-002. Performed leak check. Replaced left TKS tank drain valve with new P/N 26613-001.

-----END-----


Anthony Michael Fortino
AP3709845

August 12, 2014

N770MM

Cirrus SR22 S/N 3405

Flt time: 973.6 ACTT: 973.6



Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

1. Replaced left main tire with new Goodyear Flight Special II, 15x6.00-6, P/N 156E61-3, S/N 31332188.
2. Replaced governor control cable with new P/N 14064-102.
3. Removed and resealed right brake caliper. Serviced and bled brakes.
4. Replaced right exhaust manifold with new P/N 22-6850003.

-----END-----


Jonathan Carlisle
IA3063926

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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AIRFRAME LOG INSERT

Tail#: N770MM	A/C: SR22	Serial Number: 3405	TACH 983.3	AC TT 983.3	W.O#: 1523	Date: 3/20/2015
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PERFORMED THE FOLLOWING MAINTENANCE:

1. AIRCRAFT TEST FLIGHT REQUESTED BY OWNER DUE TO AIRCRAFT USAGE INACTIVITY. AIRCRAFT TO BE RETURNED TO SERVICE FOR NORMAL OPERATION UNTIL TEST FLIGHT SIGNED SATISFACTORY BY MAINTENANCE PERSONNEL.

EDRAS O. CERRATO

A&P3600803



AIRFRAME LOG INSERT

Tail#: N770MM	A/C: SR22	Serial Number: 3405	TACH 984.2	AC TT 984.2	W.O#: 1525	Date: 4/1/2015
------------------	--------------	------------------------	---------------	----------------	---------------	-------------------

PERFORMED THE FOLLOWING MAINTENANCE:

C/W WITH TEST FLIGHT AS REQUESTED PER OWNER. TURBO FAILED WHILE CLIMBING THROUGH 12,000 FT. RETURNED TO BASE - CLEANED, LUBRICATED AND MANUALLY EXERCISED L/H AND R/H TURBO CHARGER WASTE GATE AND RELATED MOVING MECHANISM. WORK PERFORMED AS PER SR22 MM AND CONTINENTAL MM. OP'S CHECK GOOD/NORMAL AFTER PERFORMING A SECOND TEST FLIGHT TO 17,000 FT. AIRCRAFT FOUND SATISFACTORY AND APPROVED FOR RETURN TO SERVICE.

EDRAS O. CERRATO

A&P3600803

INSPECTION RECORD

F A R 43 11 - 01 400

AIRFRAME



OrbitAviation.net 3501 North Lakewood Blvd., Suite D Long Beach, CA 90808. 562-544-6316

Tail#	AC Type	AC Serial Number	AC Total Time	AC Total Cycles	W.O	Date
N770MM	SR22	3405	1135	N/A	16055	4/18/2016

* C/W ANNUAL INSPECTION AS PER MAINTENANCE MANUAL CHECKLIST AND 14 CFR PART 43.15 AND 14 CFR PART 43 APPENDIX (D).

* C/W 14 CFR PART 91.207 (D) E.L.T ANNUAL INSPECTION.

1. C/W SB.2X-28-12R1 PARA. 11(B), (1)(2)(3) - FUEL PUMP LEAK CHECK AS PER SERVICE BULLETING AND SR22 M.M 28-20 AND TEMPORARY REVISION TO P.O.H.
2. C/W PORTABLE FIRE EXTINGUISHER ANNUAL AND MONTHLY CHECK. INSTALLED A NEW INSPECTION TAG. ASPER CIRRUS M.M 26-20-15 AND NFPA - 10.
3. SPECIAL INSPECTION 200 hrs:
 - PERFORMED 200 HRS SPECIAL INSPECTION. BATTERY#1 CAPACITY CHECK.
4. SPECIAL INSPECTION 500 hrs:
 - PERFORMED 500 HRS SPECIAL INSPECTION - ENGINE MOUNT WELD AND LOWER MOUNT ATTACH FITTINGS AS PER SR22 M.M 5-20.
5. SPECIAL INSPECTION 500 hrs:
 - PERFORMED 2 YEARS OR 500 HRS SPECIAL INSPECTION - INSPECTED ALTERNATOR #1 INSPECTION AS PER COMPONENTS MANUFACTURER INSPECTION MANUAL.
6. SPECIAL INSPECTION 1000 hrs or 3 years:
 - PERFORMED 3 YEARS OR 1000 HRS - INSPECTION OF GSA81 ROLL AND PITCH SERVOS AND ACTUATORS AS PER SR M.M 22-12.
7. EMA CONTROLLER REPLACEMENT DUE:
 - AAIR REMOVAL AND REPLACEMENT (LIFE LIMITED PART). NEXT DUE DECEMBER 31 2022. AS PER CIRRUS SR 22 M.M 25-10. REMOVED P/N: 508358-421 S/N: 05SEP08-80. INSTALLED P/N: 20902-001 S/N: A03DEC15-29.
8. CARBON MONOXIDE DETECTOR REPLACEMENT due:
 - REMOVED AND REPLACED LIFE LIMITED PART - CARBON MONOXIDE DETECTOR AS PER SR 22 M.M 31-20. REMOVED P/N: 24660-002 S/N: 85856 INSTALLED P/N: 24660-002 S/N: 95411. NEXT DUE JANUARY 2022.
9. DISCREPANCY: NOSE GEAR ASSY TUBE JUST ABOUT SPINDLE CUP HAS SURFACE CORROSION.
 - CLEANED, TREATED AND PAINTED CORROSION AS PER AC43.13-1B.

INSPECTION RECORD F.A.R. 43.11-91.409



OrbitAviation.net 3501 North Lakewood Blvd., Suite D Long Beach, CA 90808. 562-544-6316

AIRFRAME

10. DISCREPANCY: L/H R/H MAIN TIRE WORN TO LIMIT AND WORNT BEARINGS ON BOTH WHEELS.
- REMOVED AND REPLACED L/H AND R/H TIRES AND REMOVED AND REPLACED ALL BEARINGS WITH NEW. AS PER SR 22 M.M CHAPTER 33-10
11. DISCREPANCY: BRAKE TEMPERATURE LABELS L/H AND R/H NEED REPLACEMENT. SIGNS OF OVERHEATING.
- REMOVED AND REPLACED L/H AND R/H YELLOW AND BLUE BRAKE TEMP. LABELS AND INSPECTED FOR SIGN OF OVERHEATING. NO DEFECTS FOUND. AS PER SR 22 M.M 32-42
12. REPLACED PROPELLER HUB GREASE WITH NEW. AS PER SR 22. CHAPTER 12.
13. DISCREPANCY: L/H FUEL DRAIN MISSING SAFETY WIRE.
- ACTION: CHECKED FITTING, S TORQUE AND INSTALED SAFETY WIRE AS PER AC43.13-1B.
14. DISCREPANCY: R/H FUEL DRAIN MISSING SAFETY WIRE AND LOOSE.
- ACTION: TORQUE FITTING AND INSTALLED SAFETY WIRE AS PER AC43.13-1B.
15. DISCREPANCY: NOSE WHEEL ASSY. HAS CORROSION IN BEARING HOUSING.
- ACTION: REMOVED AND REPLACED NOSE WHEEL ASSY. WITH NEW - MOUNTED SAME TIRE AND SAME TIRE TUBE. AS PER SR 22 M.M
16. DISCREPANCY: L/H AND R/H GEAR UPPER FAIRINGS CHAFING AGAINST THE WING.
- ACTION: INSTALLED HIGH RESISTANCE TAPE AROUND FAIRING TO PREVENT CHAFING AS PER AC43.13-1B.
17. DISCREPANCY: NOSE WHEEL UPPER PUCK HAS CORROSION AND CRACKED ARROUND WELD.
- ACTION: REMOVED NOSE WHEEL PUCK PAN AND FOUND ALL BUSHINGS AND HARDWARE GALLED. INSTALLED NEW UPPER PUCK PAN WITH NEW BUSHINGS AND HARDWARE. INSTALLED SAME PUCK SPACERS. AS PER SR22 M.M CHAPTER 32-20.
18. MAIN LANDING GEAR WHEEL L/H AND R/H WHEEL FAIRING BOLTS MISSING.
- INSTALLED NEW BOLTS AND WASHERS ON BOTH FAIRINGS AS PER AC432.13-1B.
19. DISCREPANCY - ONE OF INSTRUMENT PANEL DIMMING SWITCHES BROKEN:
- REMOVED AND REPLACED BOLSTER PANEL AS PER CIRRUS SR22 M.M CHAPTER 31-10

I CERTIFY THAT THIS AIRCRAFT/COMPONENT HAS BEEN INSPECTED/REPAIRED IN ACCORDANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

EDRAS CERRATO

A&P 3600803 IA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
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MAKE: Cirrus Design Corp. **American Aircraft Maintenance, Inc.**
 MODEL: SR22
 S/N: 3405
 REG. NO: N770MM
 WORK ORDER: 27981

DATE: 5/12/2016
 A/C TSN:
 FLIGHTTIME: 1136.2

Repair Station No. Z5SR421Y
 19711-B Campus Drive
 Santa Ana, CA 92707
 Phone: (949) 852-8420

Airframe Entries

Reinstalled bolster switch panel following dimmer repair by Western Avionics, CRS# YH3R997L All panel light operations normal... Replaced missing hardware on nose strut fairing... Replaced cabin air inlet duct insulation sleeve... Replaced nose gear shock pucks... Installed correct seat stop hardware in inboard co-pilot seat rail... Performed magnetometer test and calibration... Replaced #2 batteries... Complied with GSA 80 Yaw Servo and Actuator inspection and lubrication... Replaced crew seat energy absorption modules... Re-seated and re-torqued brake line fitting at upper left main gear strut... Replaced aft nav light bulb at left wingtip... Adjusted right flap travel to ensure wing flap cove clearance... Adjusted nose landing gear spindle tension... Replaced nose landing gear bushings at engine mount points... Cleaned and de-greased nose gear spindle and cup... Replaced terminal on ALT2 battery cable... Repaired poor crimp connections on airframe side of #3 CHT probe connector. Operational check found all engine sensor readings normal.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 5/12/2016

SIGNED: 

Work Order: 27981

Ron Stepka
 Certified Repair Station No. 75SR421Y

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Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1144.1**




15452 - Airport Drive
 Burlington, WA 98233
 Phone (360) 757-7757
 Fax (360) 757-1557

Airframe TT: 1144.1
 Engine TSN: 1144.1
 Prop TSN: 1144.1
 Hobbs: 1399.5

All work performed per the Cirrus maintenance manual, TCM Overhaul manual and the TAT ICA.

1. Reconnected connector P/J 1311 for the GIA2.
2. Corrected the routing of the environmental ducting for rear Pax vents.
3. Adjusted the hinges on the pilot door to obtain better fit and latching.
4. C/W SB2X-42-11 Garmin S.W update to 0764.24.
5. Adjusted nose wheel castering tension per the maintenance manual.
6. Adjusted Fuel pressure and Manifold pressures per the TAT ICA.


 Daniel P Monahan
 AP32484081A

6/10/2016

Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1168.9**



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 1168.9
Engine TSMOH: 00.0
Prop TSN: 1168.9
Hobbs: 1432.6

C/W an ANNUAL INSPECTION in accordance with the Cirrus maintenance manual Chapter 5-20, FAR Part 43, Part 91 subpart E, the CMI maintenance manual and the TATI ICA.

1. AD2016-16-12 ECI Class 71 and class 76 cylinders DOES NOT APPLY. ECI cylinders not installed.
2. C/W SB2X-32-19 R3 NLG insp. and reinforcement. Installed SB kit P/N 70328-001.
3. C/W SB2X-52-08R2 Catcher/Diverter and rod end replacement by installing SB kit P/N 70544-001.
4. Removed standby altimeter, airspeed and artificial horizon and installed a Mid-Continent MD302. See 337 dated 10/3/2016.
5. Installed Whelen wing tip LED lights. See 337 dated 10/3/2016.
6. Replaced #2 TKS metering pump with windshield pump with overhauled unit P/N 13220-03, S/N CAV111K454.
7. Replaced both TKS filters with new P/N 908-1. Next due at 2368.9 or 10/2018.
8. Replaced brake caliper o-rings with new P/N M83461/1-222.
9. Replaced NLG fork thrust washer with new P/N 50545-001.

I certify that aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.

10/18/2016


Daniel P Monahan

Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1195.9**




15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 1195.9
Engine TSMOH: 27.0
Prop TSN: 1195.9
Hobbs: 1468.0

All work performed per the Cirrus maintenance manual, TCM Overhaul manual and the TAT ICA.

1. Removed and replaced gascolator drain with new P/N 50242-001.
2. Removed and replaced the aft cowl close out seal with new P/N20665-003.

1/27/2017


Daniel P Monahan
AP32484081A



MidContinent[®]

INSTRUMENTS+AVIONICS

9400 E. 34th St. N.
Wichita, KS 67226

16320 Stagg Street
Van Nuys, CA 91406

Altimeter Scale Correction Card

Altimeter P/N: 6420302-1

Serial Number: D16-10091

A

REFERENCE ALTITUDE IN FT	ALTIMETER READS
-1,000	-1,001
0	0
500	501
1,000	998
1,500	1,501
2,000	1,999
3,000	3,000
4,000	4,001
5,000	4,999
6,000	6,001
8,000	8,004
10,000	10,008
11,000	11,005
12,000	12,007
14,000	14,011
16,000	16,014

REFERENCE ALTITUDE IN FT	ALTIMETER READS
17,000	17,015
18,000	18,014
20,000	20,016
22,000	22,018
25,000	25,022
30,000	30,024
35,000	35,027
40,000	40,026
45,000	45,026
50,000	50,021

Tested By: LL

Date: 6/2/2016



JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E

Airframe Log Entry N770MM

Date: 5-16-2017 Hobbs: 1521.6
Total Time: 1239.9
Flight Hobbs: 1239.9

- 1) Installed overhauled CAPS parachute assembly, (lea. 25574-004-REB, s/n 02847R1) per CMM chapter 95-01-01. Next due replacement by **APR/18/2027**. Parachute assembly rebuilt by Cirrus Design PC# 338CE on work order #160883, dated 4-20-2017.
- 2) Installed new CAPS rocket assembly, (lea. 29500-403, s/n 2360 Rocket, & 26865-002 Igniter) per CMM chapter 95-01-01 and SB 2X-95-19, dated 3-9-2017. Next due replacement by **4-12-2027**.
- 3) Installed new CAPS line cutters, (p/n 25347-002 kit, s/n 11185 & 10984) next due replacement by **3/2023**.
- 4) Installed POH Temporary Revisions # TPOH 15-15, dated 4-22-2015, TPOH 15-19 dated 5-4-2015, TPOH 15-21, dated 4-28-2015 & TOPH 15-27 dated 6-26-2015.
- 5) Accomplished service bulletin SB 2X-32-21, dated 10-2-14 on Beringer single caliper brake system install. New tires installed, (p/n 156E06-1, left main, s/n 11556370332255, right main, s/n 11556370352300 & p/n 505T08-1, nose, s/n 62072299), serviced and secured. See Beringer installation manual, document # MM-ETSO-001R2 dated 5-16-13, Instructions for Continuous Airworthiness.
- 6) Aircraft weighed; new Weight & Balance. New Empty Weight: **2500.0**, New CG: **143.47**, New Moment: **358675.00**, New Useful Load: **900.0** and New % of MAC: **21.74**.
- 7) Service oxygen system to proper pressure with AB Oxygen.
- 8) Inspected nose spindle assembly, cleaned and checked nut torque, all checked within specification; ops checked okay, reference MM chapter 32-20.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 31114.

Richard T. Fontes

Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1243.0**



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 1243.0
Engine TSN: 74.1
Prop TSN: 1243.0
Hobbs: 1526.1

All work performed per the Cirrus maintenance manual, TCM Overhaul manual and the TAT ICA.

1. C/W SB2X-42-12 Garmin S.W update to 0764.35.
2. Weighed aircraft and came up with a new weight and balance. Inserted new weight and balance in the POH.

5/26/2017


Daniel P Monahan
AP32484081A

Corporate Air Center **N770MM SR-22 G3 S/N: 22-3405 FLT: 1273.3**



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 1273.3
Engine TSMOH: 104.4
Prop TSN: 1273.3
Hobbs: 1565.9

IO-550-N(60) S/N: 692109

All work performed per the Cirrus maintenance manual chapter 5-20, CMI maintenance manual and the TAT ICA.

1. C/W SB2X-32-23 Nose wheel shimmy reduction.
2. Replaced the oil temperature probe with new P/N MS28034-1.

7/31/2017


Daniel P Monahan
AP32484081A

